5604899

APPROVED BY DRAFTSMAN O.G. FIG. 7-1, 7-2 CLASS 395 SUBCLASS 683

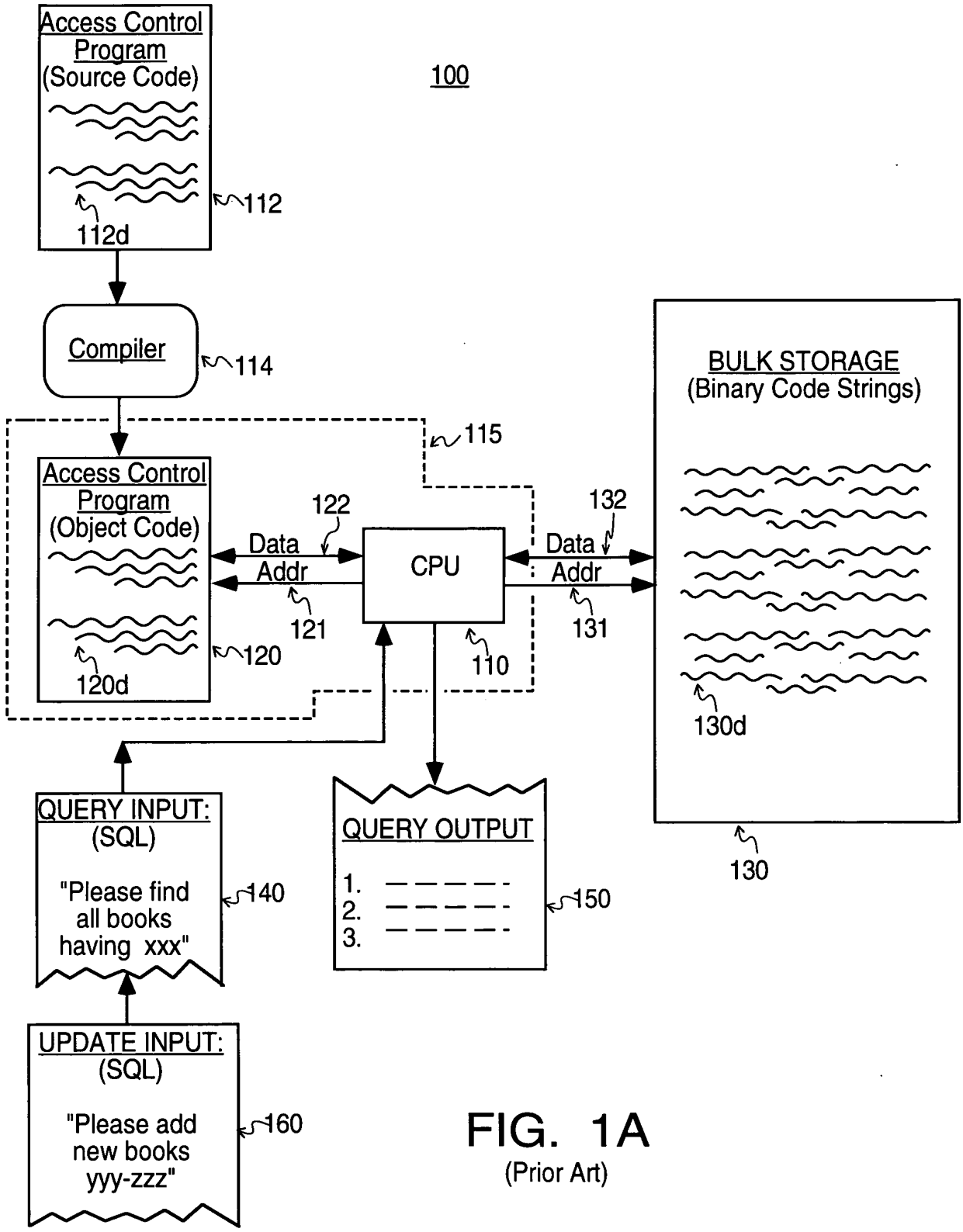


FIG. 1A
(Prior Art)

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

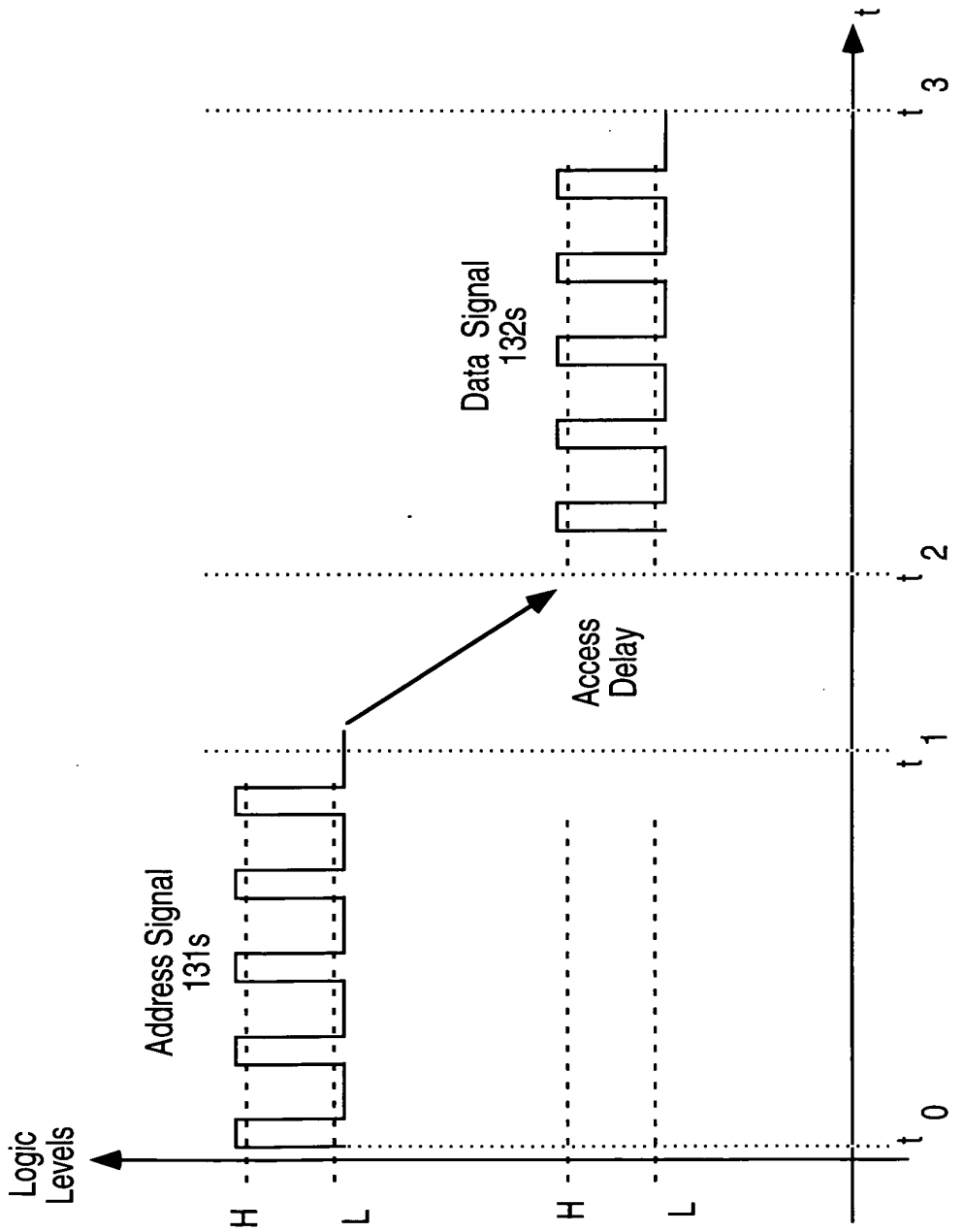


FIG. 1B
(Prior Art)

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

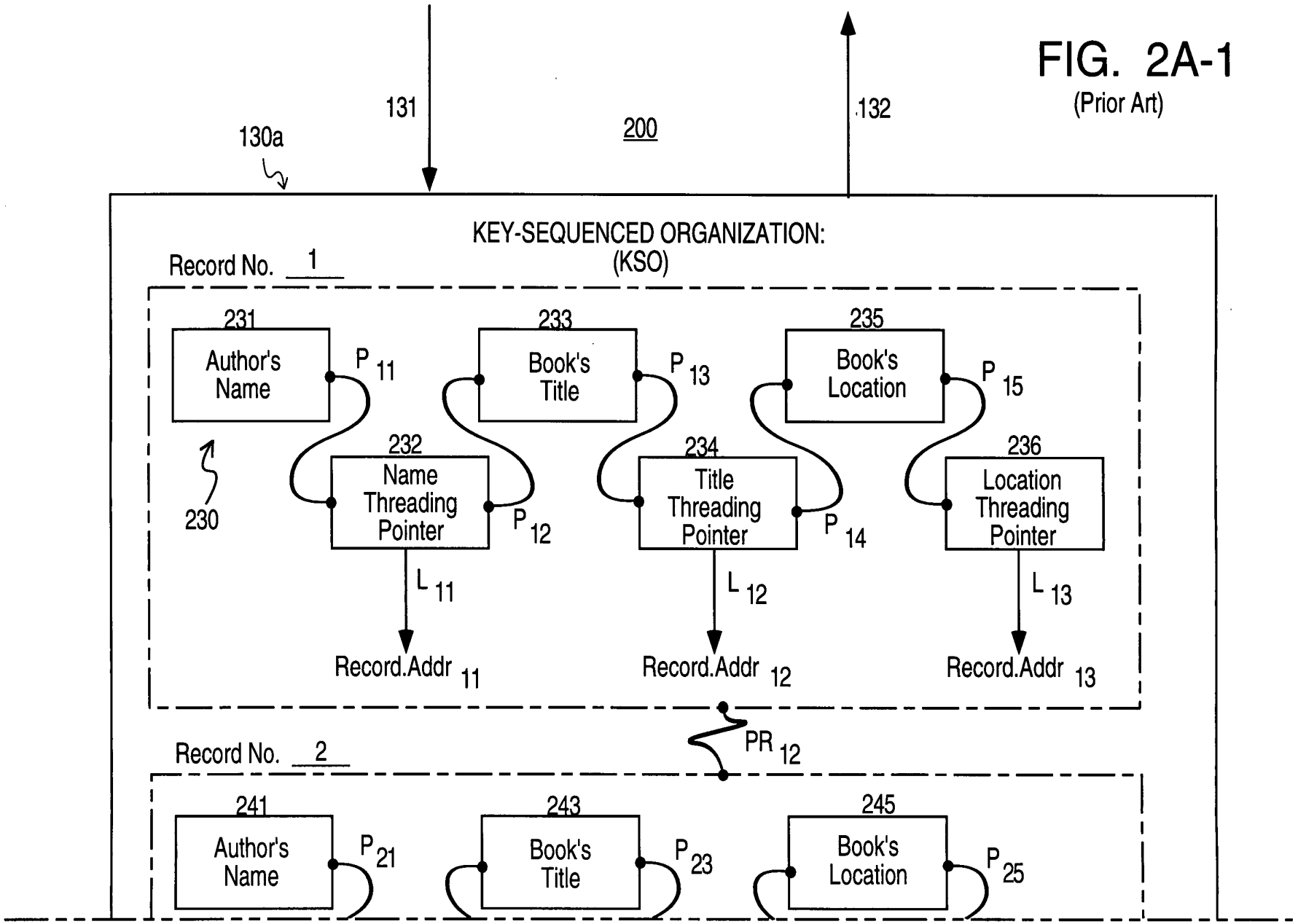


FIG. 2A-1
(Prior Art)

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

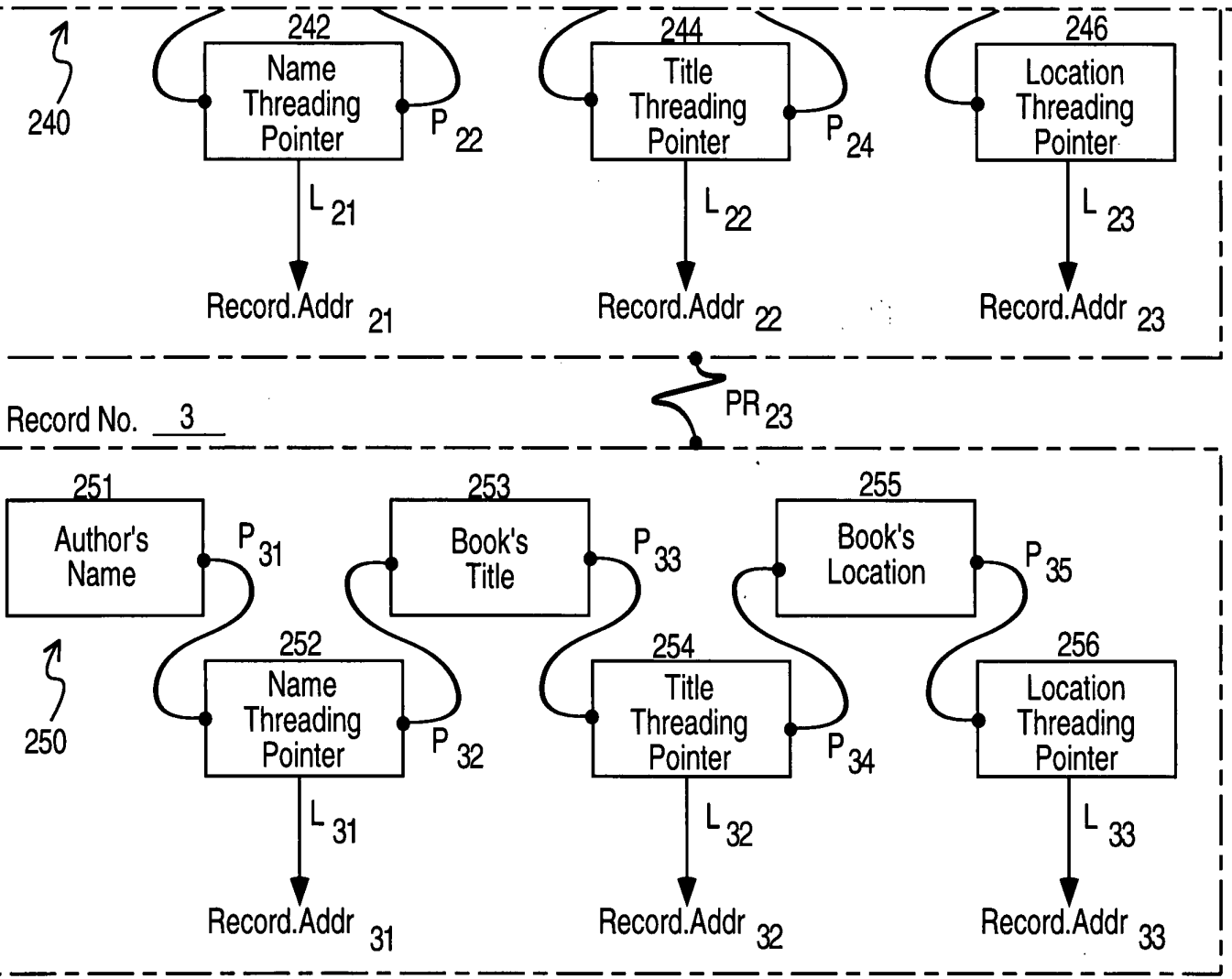


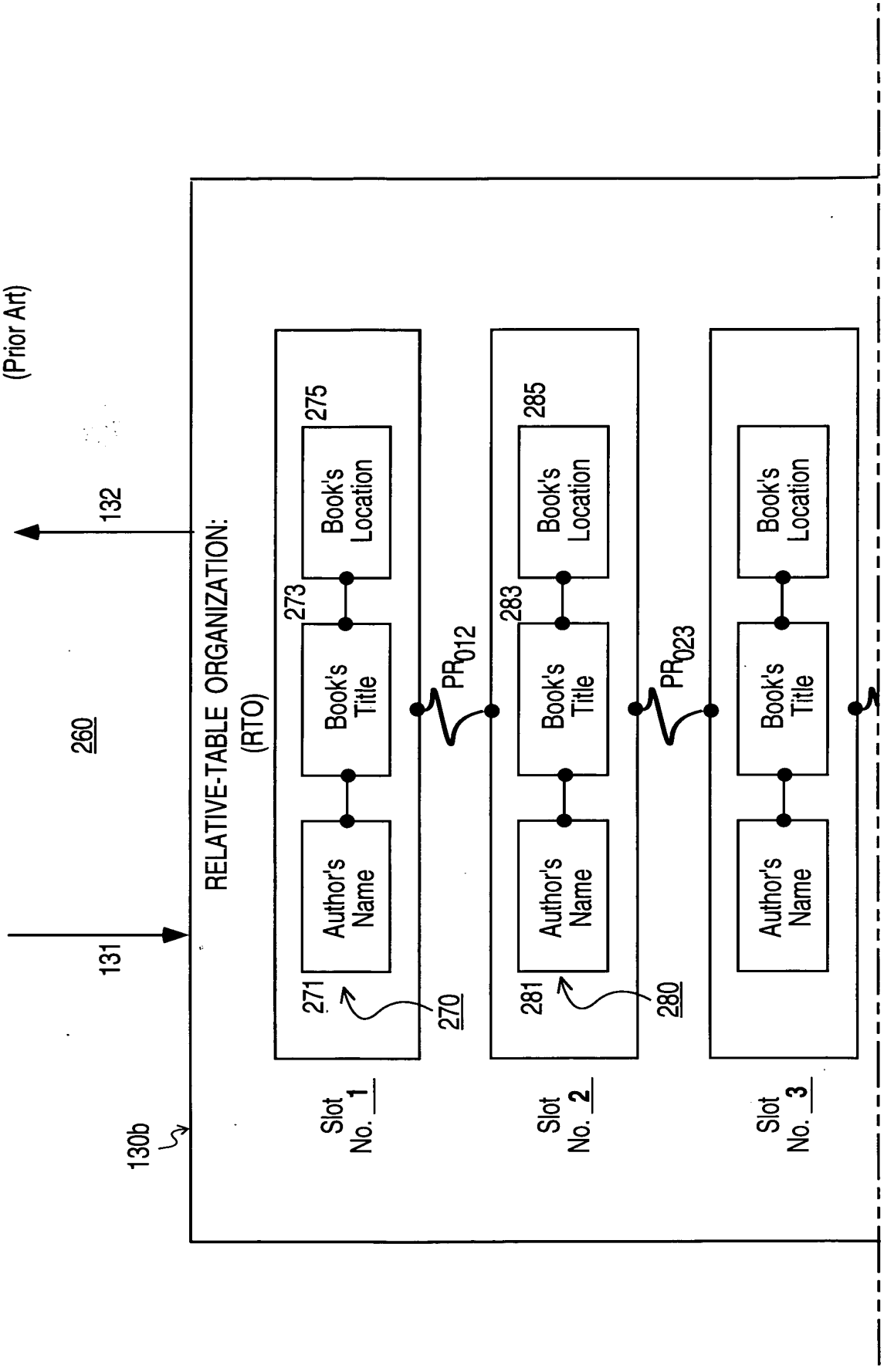
FIG. 2A-1
FIG. 2A-2

FIG. 2A

FIG. 2A-2
(Prior Art)

APPROVED | O.G. FIG.
BY | CLASS | SUBCLASS
DRAFTSMAN

FIG. 2B-1
(Prior Art)



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

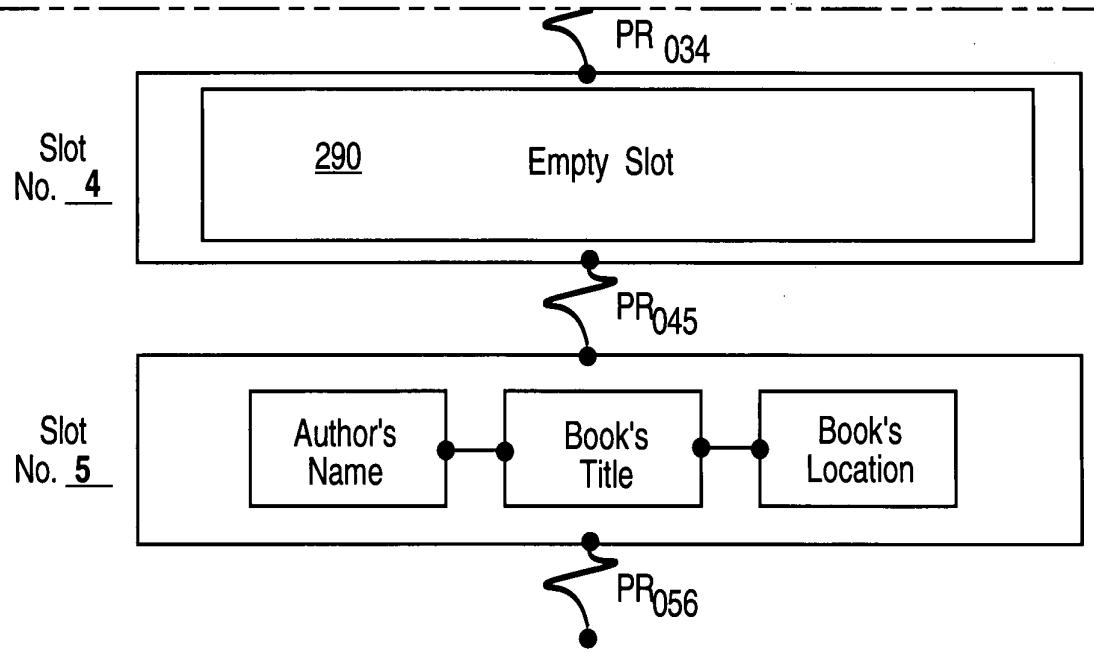


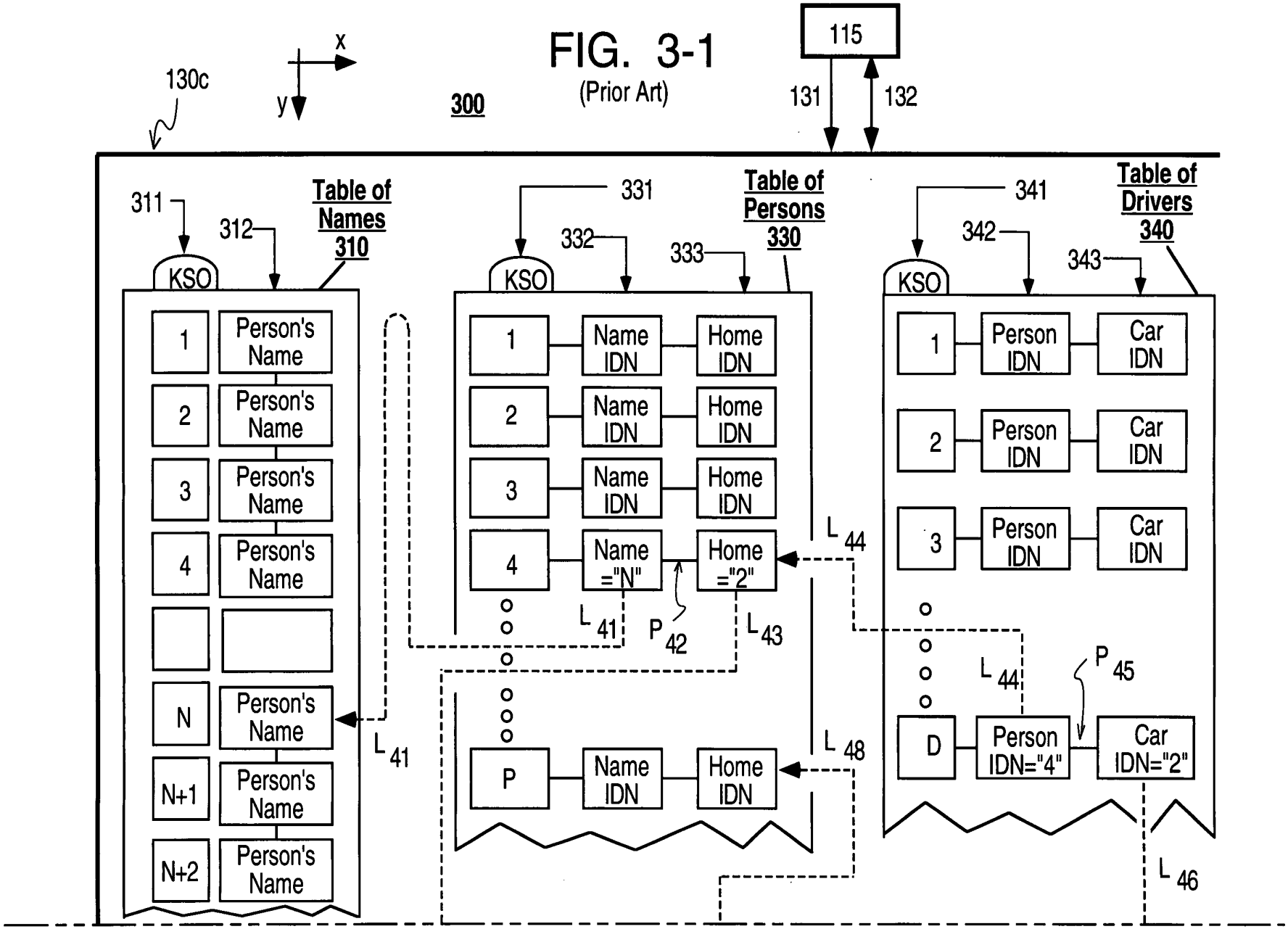
FIG. 2B-2
(Prior Art)

FIG. 2B-1
FIG. 2B-2

FIG. 2B

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 3-1
(Prior Art)



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

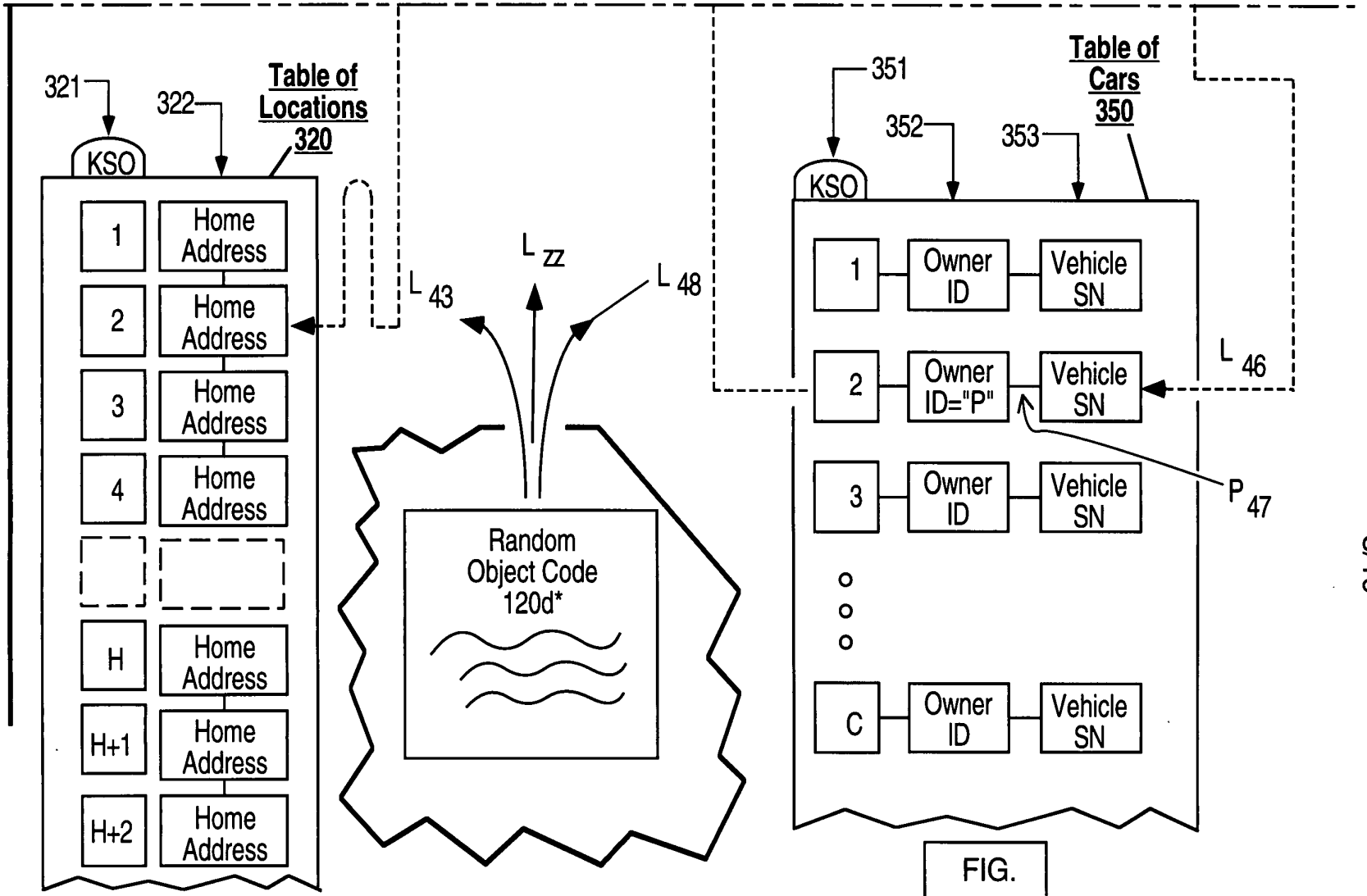
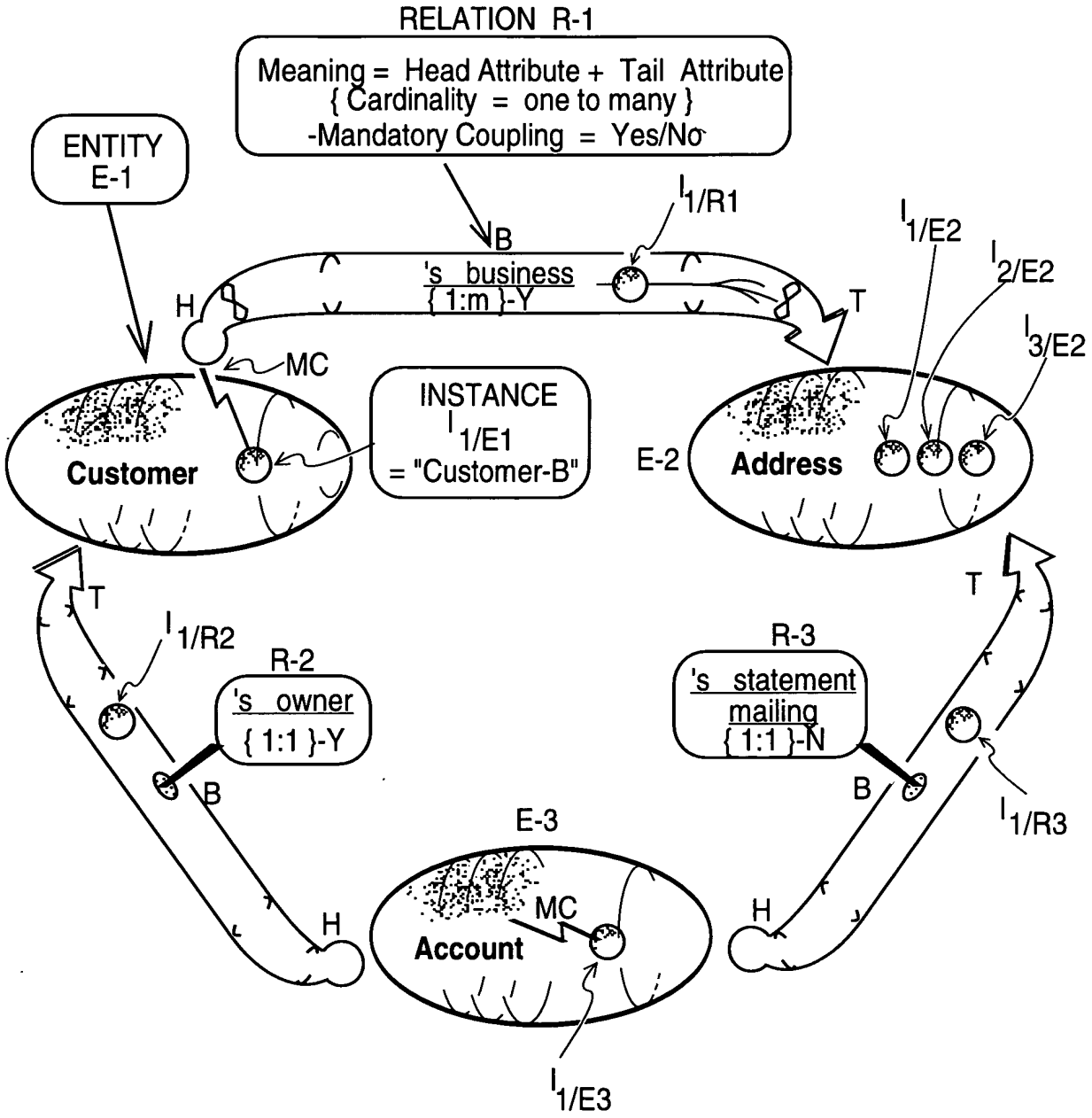


FIG. 3-2
(Prior Art)

FIG. 3-1
FIG. 3-2
FIG. 3

FIG. 4A

400


RELATION R-1
Meaning = Head Attribute + Tail Attribute
{ Cardinality = one to many }
-Mandatory Coupling = Yes/No
ENTITY E-1
B
's business
{ 1:m }-Y
H
T
MC
INSTANCE
I 1/E1
= "Customer-B"
Customer
E-2
Address
I 1/R1
I 1/E2
I 2/E2
I 3/E2
T
I 1/R2
R-2
's owner
{ 1:1 }-Y
B
H
R-3
's statement
mailing
{ 1:1 }-N
B
T
I 1/R3
E-3
MC
Account
H
I 1/E3

APPROVED O.G. FIG.
BY
DRAFTSMAN
CLASS
SUBCLASS

FIG. 4B

450

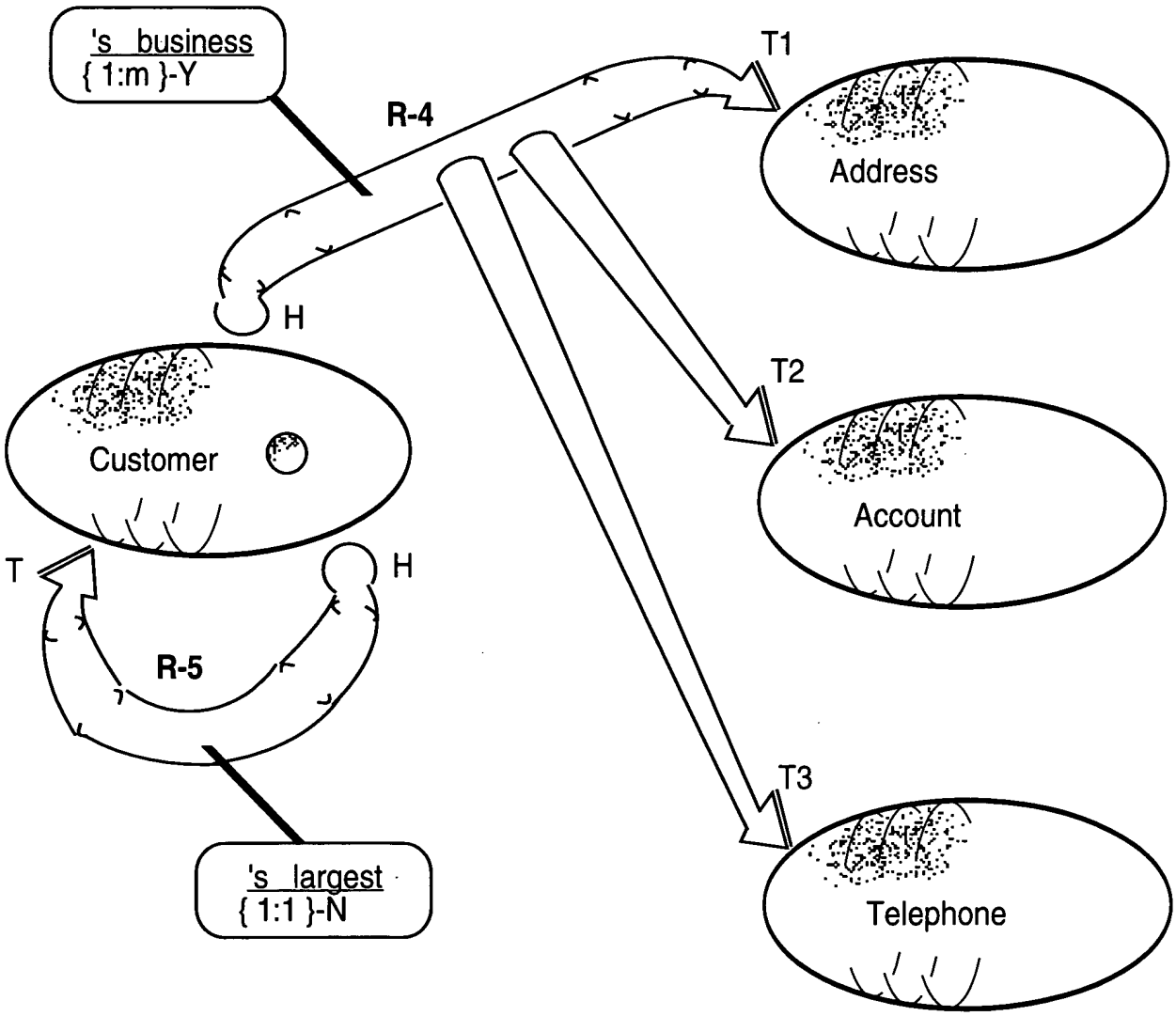
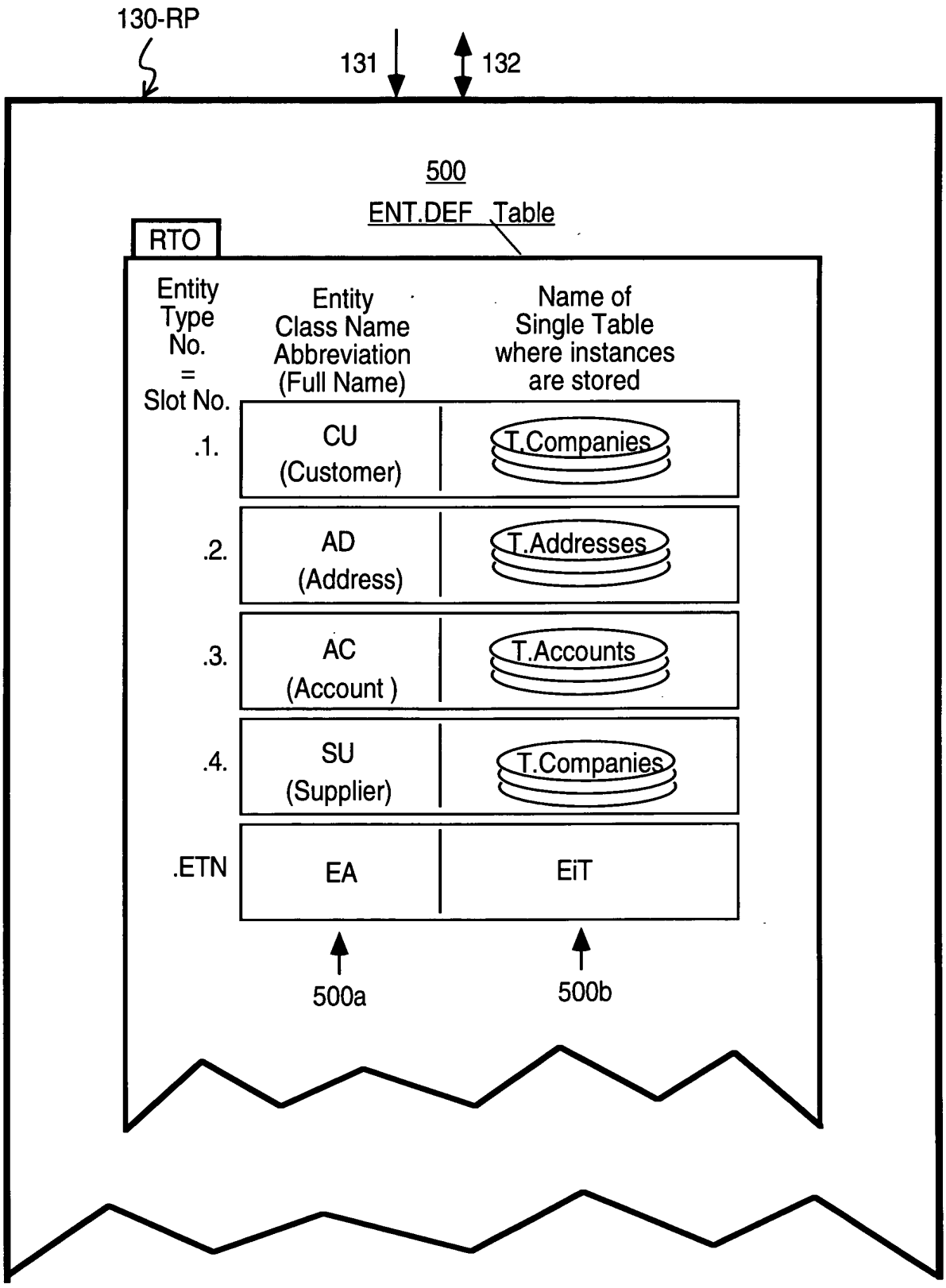
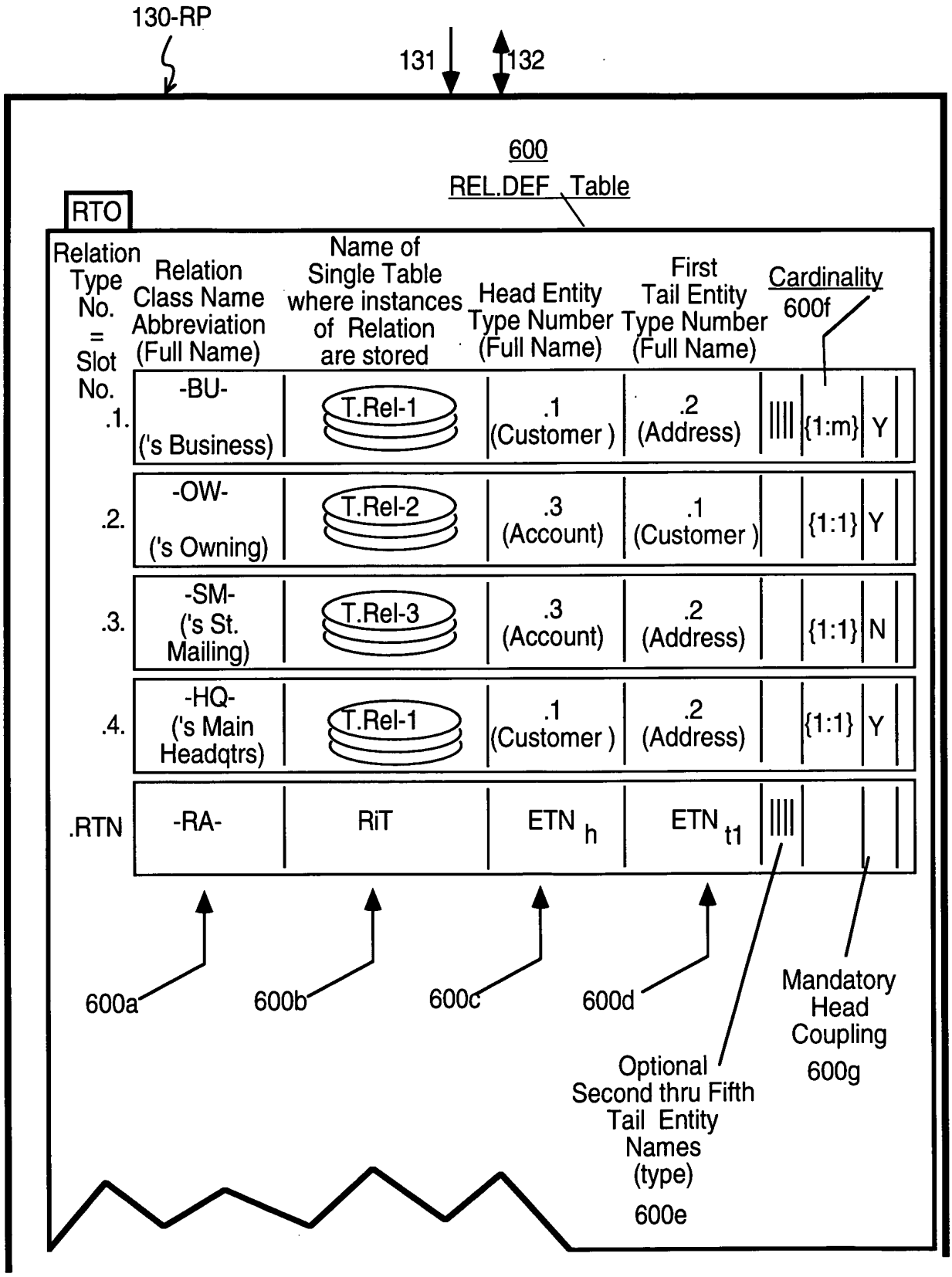


FIG. 5



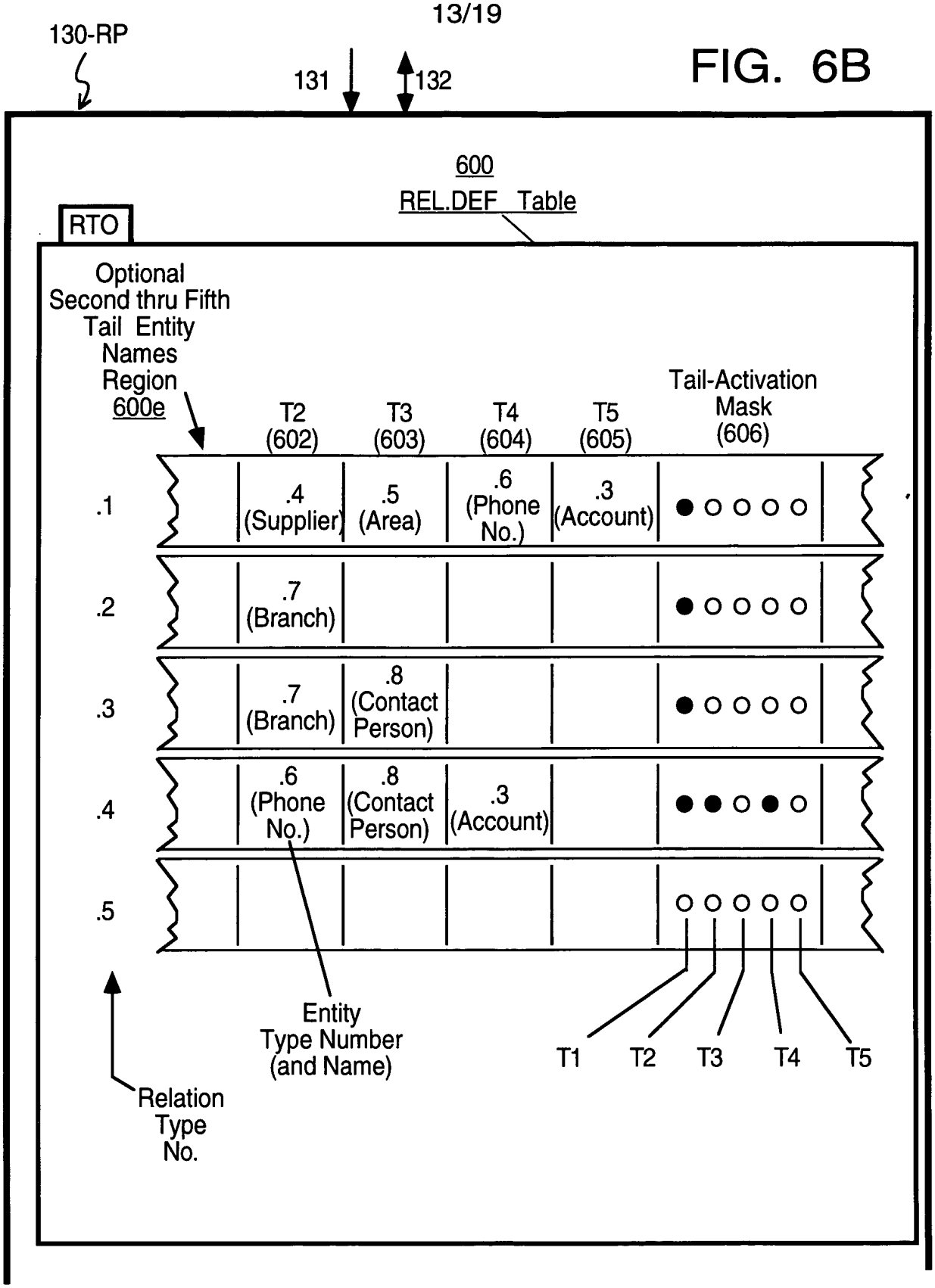
APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN

FIG. 6A


130-RP
131
132
600
REL.DEF Table
RTO
Relation Type No. = Slot No.
Relation Class Name Abbreviation (Full Name)
Name of Single Table where instances of Relation are stored
Head Entity Type Number (Full Name)
First Tail Entity Type Number (Full Name)
Cardinality
600f
.1. -BU- ('s Business) T.Rel-1 .1 (Customer) .2 (Address) {1:m} Y
.2. -OW- ('s Owning) T.Rel-2 .3 (Account) .1 (Customer) {1:1} Y
.3. -SM- ('s St. Mailing) T.Rel-3 .3 (Account) .2 (Address) {1:1} N
.4. -HQ- ('s Main Headqtrs) T.Rel-1 .1 (Customer) .2 (Address) {1:1} Y
.RTN -RA- RiT ETN h ETN t1
600a
600b
600c
600d
Optional Second thru Fifth Tail Entity Names (type)
600e
Mandatory Head Coupling
600g

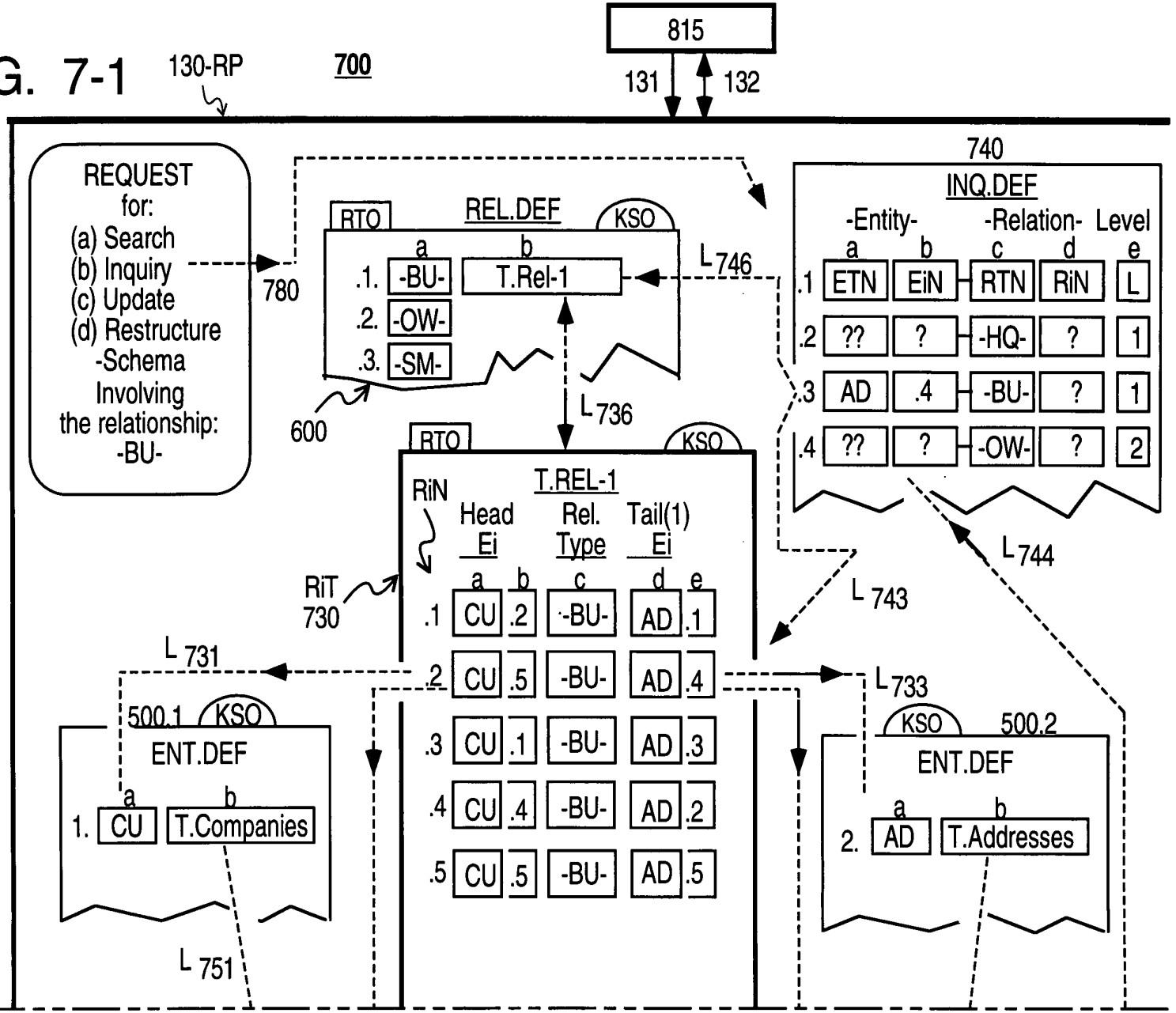
APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN

FIG. 6B



APPROVED BY DRAFTSMAN | O.G. FIG. 7-1, 7-2 | CLASS 395 | SUBCLASS 600

FIG. 7-1



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

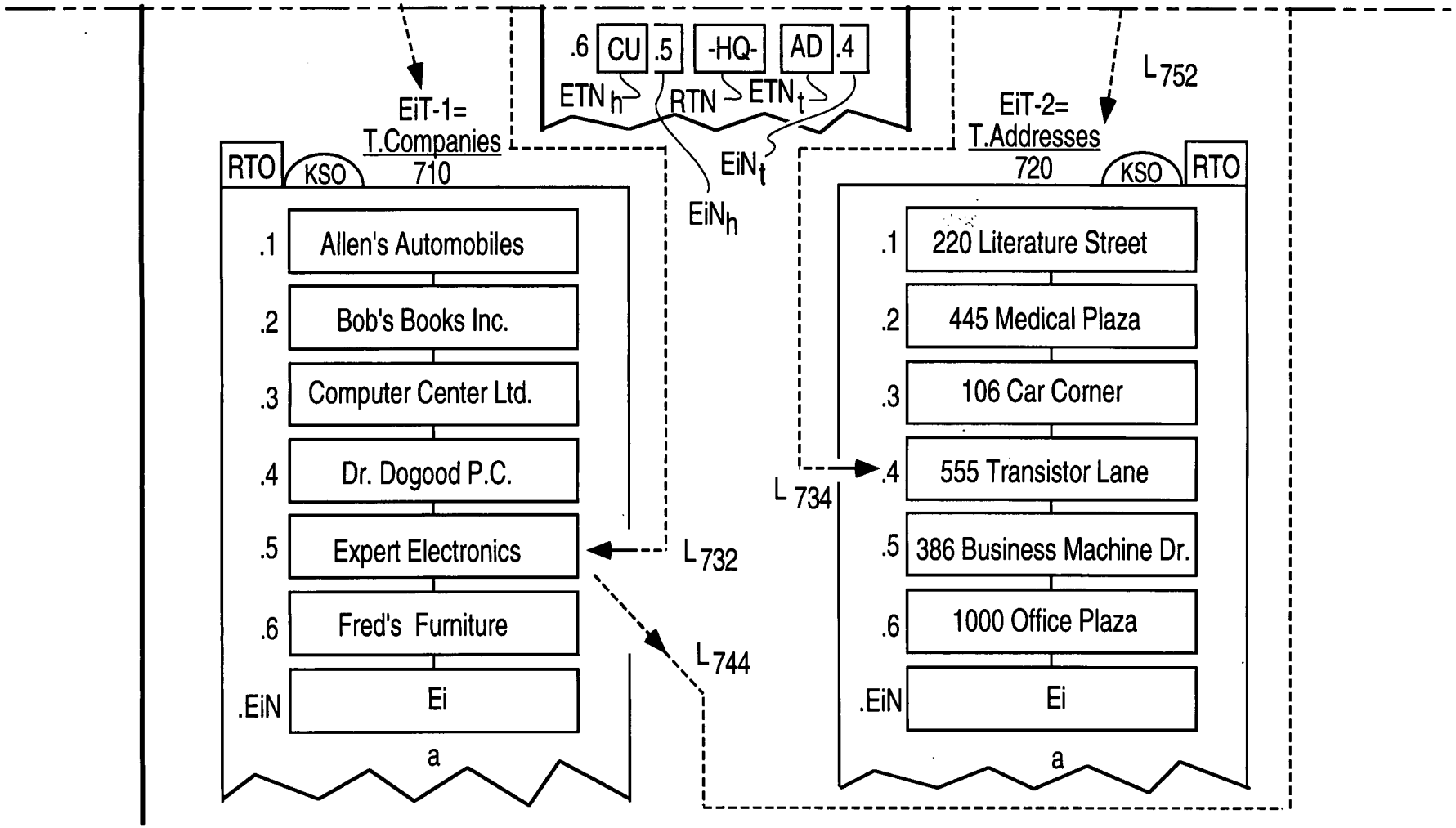


FIG. 7-2

FIG. 7-1
FIG. 7-2

FIG. 7

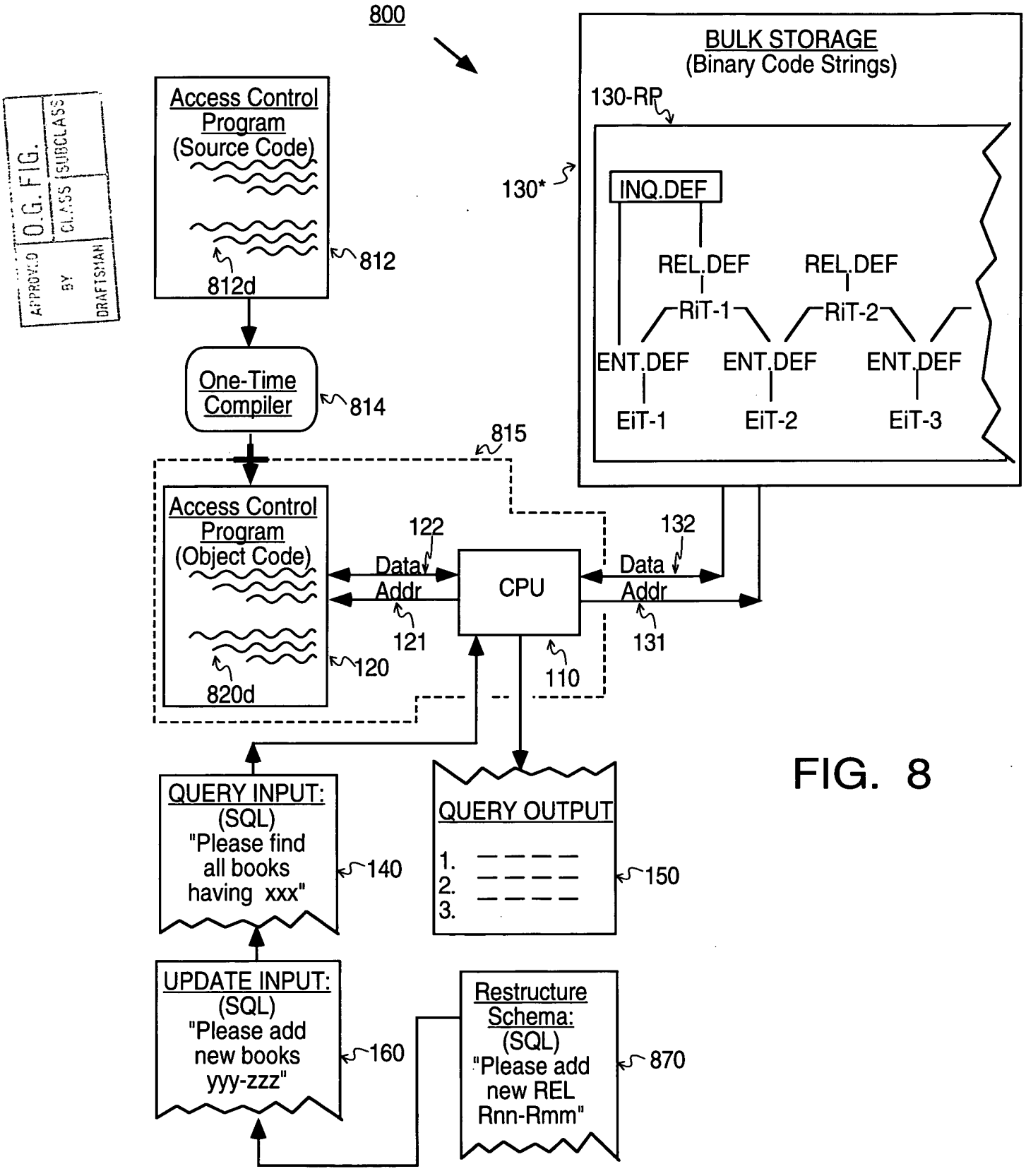
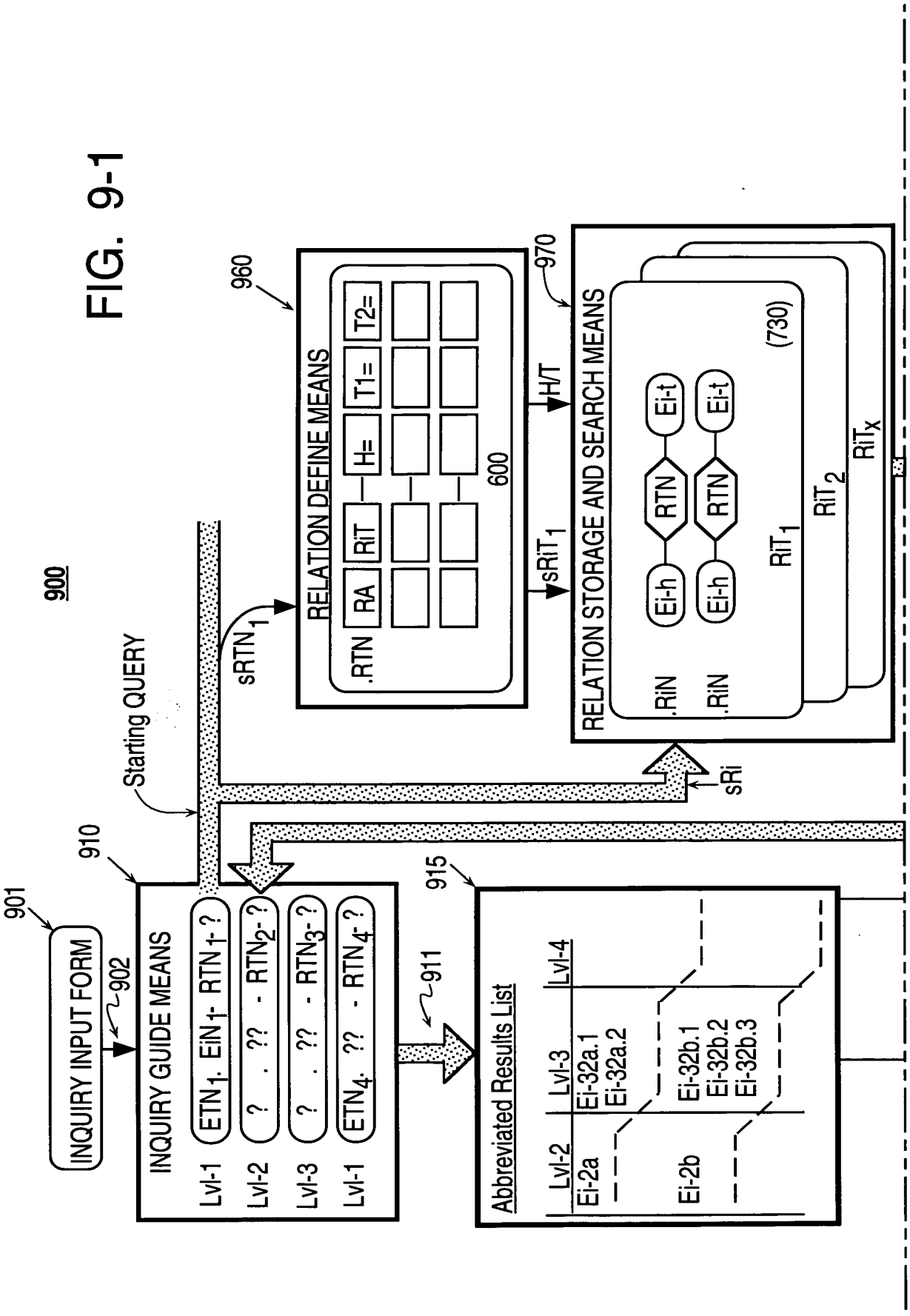


FIG. 8

O.G. FIG.
APPROVED
BY
DRAFTSMAN
CLASS
SUBCLASS

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 9-1



APPROVED BY DRAFTSMAN | C.G. FIG. | CLASS | SUBCLASS

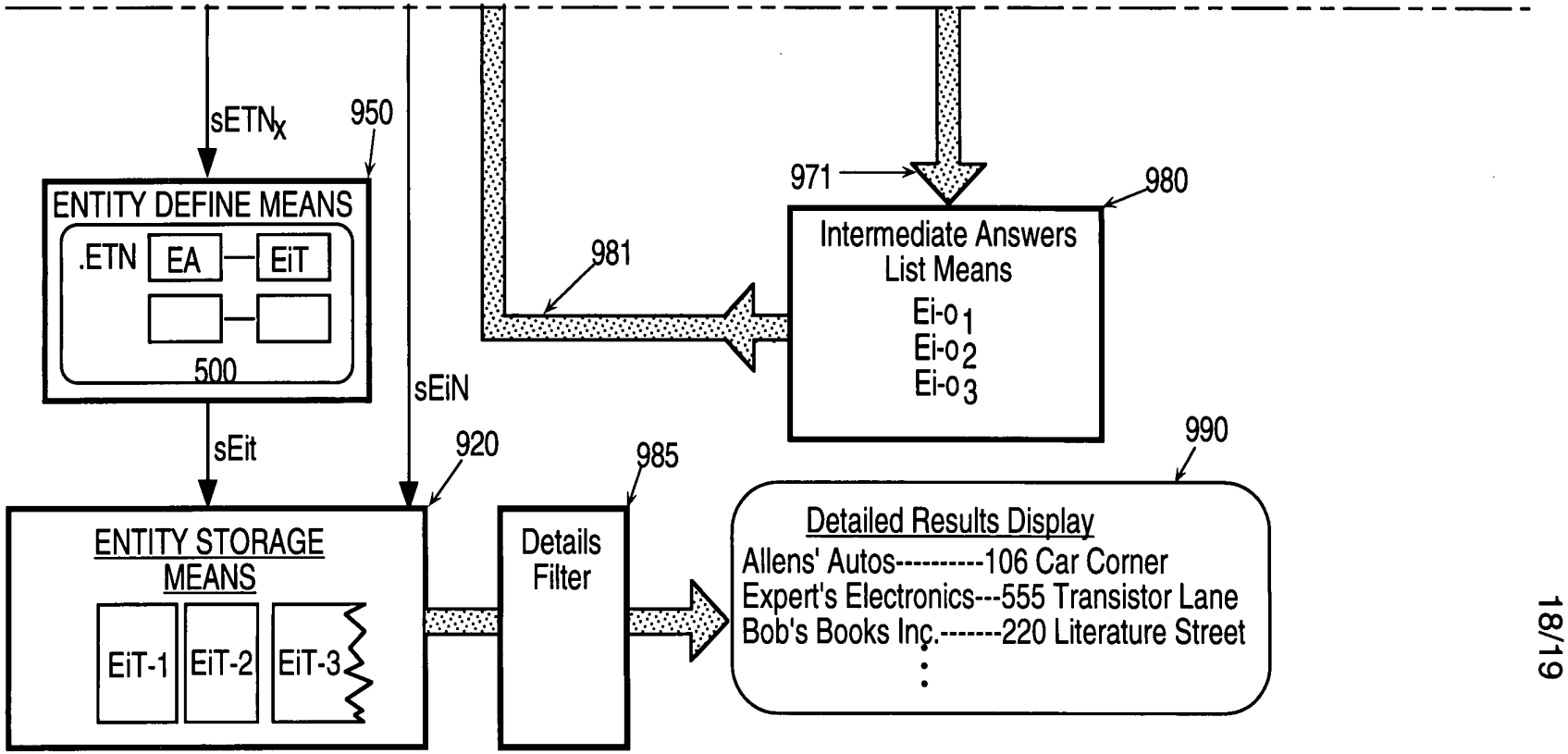


FIG. 9-1
FIG. 9-2

FIG. 9

FIG. 9-2

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

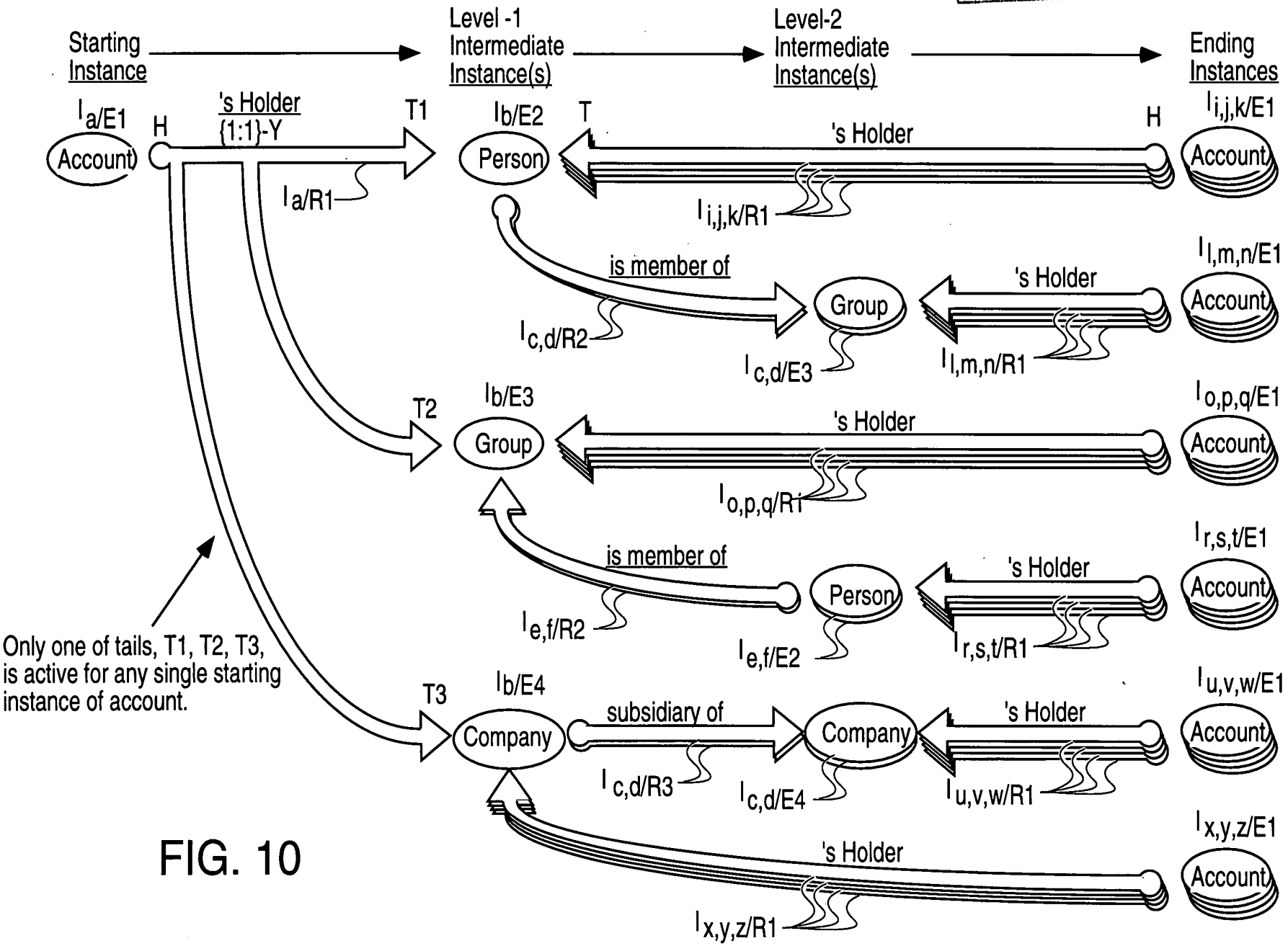


FIG. 10